

## Patent claims

- Sub A2
- 5
1. A topical preparation which comprises, as essential constituent, at least one biotechnologically obtained water-insoluble linear poly- $\alpha$ -glucan.
2. The topical preparation as claimed in claim 1, wherein the poly- $\alpha$ -glucan has a degree of branching of at most 8%.
- 10 3. The topical [lacuna] as claimed in claim 2, wherein the poly- $\alpha$ -glucan has a degree of branching of less than 4% in the 6-position, and a degree of branching of at most 2% in the other positions.
- 15 4. The topical [lacuna] as claimed in any of the preceding claims, wherein the poly- $\alpha$ -glucan has a degree of branching of less than 0.5% in the 6-position.
- 20 5. The topical preparation as claimed in any of the preceding claims, wherein the poly- $\alpha$ -glucan is poly-1,4- $\alpha$ -D-glucan.
- 25 6. The topical [lacuna] as claimed in any of the preceding claims, wherein the poly- $\alpha$ -glucan in the topical preparation is present in an amount of from approximately 0.5 to approximately 80% by weight, based on the total weight of the topical preparation.
- 30 7. The topical preparation as claimed in any of the preceding claims, wherein the at least one water-insoluble linear poly- $\alpha$ -glucan has been obtained biocatalytically.
- 35 8. The topical preparation as claimed in any of the preceding claims, wherein the topical preparation is a cosmetic composition, such as bodycare composition or a decorative cosmetic.
9. The topical preparation as claimed in any of claims 1 to 7, wherein the topical preparation is a human or veterinary medical preparation for external application.
10. The topical preparation as claimed in any of the preceding claims, wherein the topical preparation is chosen from creams, compact

- 18 -

, milks, masks, powders, ointments,

preparation as claimed in claim 10, which is used for decorative cosmetics and is chosen for make-up.

preparation as claimed in claim 11, which is used for shadow or lipstick.

technologically obtained, water-insoluble preparation

- 10

